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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

Steven M. Blair

Serial No.: 10/089,497

Filed: August 21, 2002

For: RESONANT OPTICAL CAVITIES
FOR HIGH-SENSITIVITY, HIGH-
THROUGHPUT BIOLOGICAL SENSORS
AND METHODS

Confirmation No.: 9592

Examiner:

Group Art Unit: 2855

Attorney Docket No.: 0274-4407.1US

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

31 March 2003
Date

Signature

Laurence B. Bond
Name (Type/Print)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as

Serial No. «Patent Application No»

defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

| <u>U.S. Patent No.</u> | <u>Publication Date</u> | <u>Patentee</u> |
|------------------------|-------------------------|-----------------|
| US - 5,835,231 A | 8-24-99 | Pipino et al. |
| US - 5,745,231 | 4-28-98 | Groger et al. |
| US - 5,943,136 | 8-24-99 | Pipino et al. |

Foreign Patent Documents

| <u>Document No.</u> | <u>Publication Date</u> | <u>Patentee</u> |
|---------------------|-------------------------|-------------------------|
| WO 97 35181 A | 9 25-97 | Christensen et al. |
| WO 90/09476 | 8-23-90 | Plessey Overseas |
| WO 99/37996 | 7-29-99 | Torsana Biosensors A.S. |

Other Documents

Dacil K-P S et al: "Development of a Porous Silicon Based Biosensor", Advances in Microcrystalline and Nanocrystalline Semiconductors Symposium, Vol. 536, 30 November 1998, pages 557-562, XP001104086,

Heise H M et al.: "Attenuated total reflectio mid-infrared spectroscopy for clinical chemistry applications using silver halide fibers", Vol. 51, No. 1-3, 31 August 1998, pages 84-91, Issn: 0925-4005, Figures 1, 3

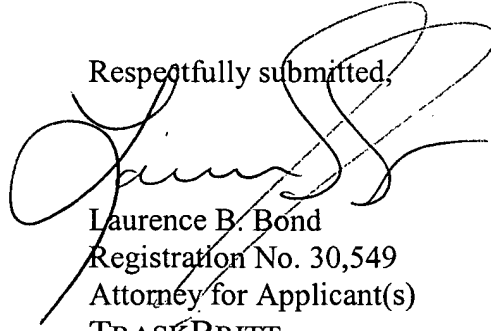
Pipino A C R: "Ultrasensitive surface spectroscopy with a miniature optical resonator.", Physical Review Letters, New York, NY, US., Vol. 83, No. 15, 11 October 1999, pages 3093-3096, XP002201594, ISSN: 0031-9007, Figure 1.

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

Serial No. «Patent Application No»

This Supplemental Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits.

Respectfully submitted,



Laurence B. Bond

Registration No. 30,549

Attorney for Applicant(s)

TRASKBRITT

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Salt Lake City, Utah 84110-2550

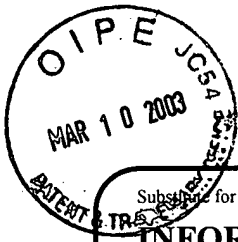
Telephone: 801-532-1922

Date: February 10, 2003

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Enclosures: Form PTO-1449 or PTO/SB/08
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| Application Number | 10/089,497 |
| Filing Date | August 21, 2002 |
| First Named Inventor | Steven M. Blair |
| Group Art Unit | 2855 |
| Examiner Name | |
| Attorney Docket Number | 0274-4407.1US |

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|---------------------|-----------------------|--|-----------------------------|---|---|
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| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| | | WO 97 35181 A | 9 25-97 | Christensen et al. | Claims 1-30, Figures 1-4 | |
| | | WO 90/09476 | 8-23-90 | Plessey Overseas | Claims 1-30, Figures 1-4 | |
| | | WO 99/37996 | 7-29-99 | Torsana Biosensors A.S. | Claims 1-30, Figure 2 | |
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | 10/089,497 |
| | | Filing Date | August 21, 2002 |
| | | First Named Inventor | Steven M. Blair |
| | | Group Art Unit | 2855 |
| | | Examiner Name | |
| Sheet | of | Attorney Docket Number | 0274-4407 IUIS |

| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | Dacil K-P S et al: Development of a Porous Silicon Based Biosensor", Advances in Microcrystalline and Nanocrystalline Semiconductors Symposium, Vol. 536, 30 November 1998, pages 557-562, XP001104086, | |
| | | Heise H M et al.: "Attenuated total reflectio mid-infrared spectroscopy for clinical chemistry applications using silver halide fibers", Vol. 51, No. 1-3, 31 August 1998, pages 84-91, Issn: 0925-4005, Figures 1, 3 | |
| | | Pipino A C R: "Ultrasensitive surface spectroscopy with a miniature optical resonator., Physical Review Letters, New York, NY, US., Vol. 83, No. 15, 11 October 1999, pages 3093-3096, XP002201594, ISSN: 0031-9007, Figure 1. | |
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